



SALT BRINE

If you see an Andover Department of Public Works truck spraying what appears to be water on local roads before storms this winter, please don't be alarmed. It is salt brine — a scientifically calibrated mix of water and salt — which is used as a pre-treatment for town roads to help prevent ice from bonding to the road. **Salt brine will not replace all uses of rock salt, or the use of chemicals like calcium chloride on particularly cold days.** When lower temperatures make salt brine less effective, the DPW is committed to using the appropriate and most effective treatments.



HOW DOES IT WORK?

The water in salt brine evaporates after application, leaving a coating of salt crystals bonded to the asphalt of the road. That coating helps prevent ice formation, and makes it easier to remove any ice that forms because it creates a barrier between the ice and asphalt.

ADVANTAGES:

A better road treatment

- * Lower cost for taxpayers due to reduced overall salt use
- * Less environmental and lawn damage
- * Cleaner water supply
- * Can pretreat busy thoroughfares up to 24 hours before a storm, whereas rock salt must be applied as close as possible to snowfall in order to be effective

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